

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Claims 1-45 (canceled)

Claim 46 (currently amended): A method comprising:

capturing an image in a digital imaging device to form a graphical object;

developing a device profile including information regarding at least one condition of image capture;

forming an image file including the graphical object and said device profile; and

transferring said image file from said imaging device to dynamically generate a profile in a computer system via storing a portion of the device profile in a profile file in a storage of the computer system, the portion comprising an illuminant tag value representative of a color relation between an input color space and a profile color space, associating a filename with the profile file, and communicating the filename to a color management system.

Claim 47 (previously presented): The method of claim 46 wherein the illuminant tag value comprises a mediaWhitePointTag value.

Claim 48 (previously presented): The method of claim 46 further comprising storing a redColorantTag value and a greenColorantTag value and a blueColorantTag value.

Claim 49 (previously presented): The method of claim 46 further comprising forming the image file at the time of image capture.

Claims 50-56 (canceled)

Claim 57 (previously presented): A system comprising:

a processor; and

a storage coupled to said processor, said storage storing instructions that, if executed, enable the system to dynamically generate a profile via storage of a portion of a device profile transferred from a digital imaging device along with an image file, in a profile file in a storage of the system, the portion comprising an illuminant tag value representative of a color relation between an input color space and a profile color space, to associate a filename with the profile file, and to communicate the filename to a color management system.

Claim 58 (previously presented): The system of claim 57 wherein the system comprises a computer system coupled to the digital imaging device.

Claim 59 (previously presented): The system of claim 57 wherein said storage to store instructions that, if executed, enable the system to store a redColorantTag value and a greenColorantTag value and a blueColorantTag value.

Claim 60 (canceled)

Claim 61 (previously presented): A method comprising:
receiving a first file having image data and device profile information from an imaging device; and

comparing at least an illuminant tag value portion of the device profile information to at least an illuminant tag value portion of prior received device profile information of a second file having prior received image data and the prior received device profile information and, based on the comparison, generating a current device profile for the first file for use in a color management system.

Claim 62 (previously presented): The method of claim 61, wherein the current device profile comprises at least a portion of the device profile information.

Claim 63 (previously presented): The method of claim 61, wherein the current device profile comprises at least a portion of the prior received device profile information.

Claim 64 (canceled)

Claim 65 (previously presented): The method of claim 61, wherein the illuminant tag value portion comprises a mediaWhitePointTag value.

Claim 66 (previously presented): The method of claim 61, wherein the illuminant tag value portion comprises an illuminant condition of capture of the image data.

Claim 67 (previously presented): The method of claim 61, wherein generating the current device profile comprises:

if the comparison is indicative of no match between the device profile information and the prior received device profile information, generating a profile based on the device profile information;

identifying the profile to the color management system; and
storing the generated profile.

Claim 68 (canceled)

Claim 69 (previously presented): The method of claim 61, wherein generating the current device profile comprises:

determining if the illuminant tag value portion of the device profile information and the illuminant tag value portion of the prior received device profile information match within a specified amount.

Claim 70 (previously presented): The method of claim 69, further comprising using the prior received device profile information for the current device profile if there is a match within the specified amount.

Claim 71 (previously presented): The method of claim 61, further comprising:
using the prior received device profile information for the current device profile if the comparison is indicative of a match between the illuminant tag value portion of the device profile information and the illuminant tag value portion of the prior received device profile information; and

associating the first file with the prior received device profile information.

Claim 72 (previously presented): The method of claim 61, further comprising associating the prior received device profile information with a plurality of files including image data and device profile information based on the comparing.

Claim 73 (previously presented): The method of claim 46, wherein the device profile includes information regarding an illuminant condition of the image capture.

Claim 74 (previously presented): The method of claim 46, further comprising using an application programming interface of the computer system to communicate the filename.

Claims 75-78 (cancel)